

Volume 27

ISSN 0929-8215
CODEN JNEMEE

JOURNAL OF NEW MUSIC RESEARCH

EDITORS

MARC LEMAN AND PAUL BERG

 **SWETS & ZEITLINGER**
PUBLISHERS

Journal of New Music Research

Editors

Marc Leman, Institute for Psychoacoustics and Electronic Music, University of Ghent, Blandijnberg 2, B-9000 Ghent, Belgium. Tel. +32-9-264-4125, Fax +32-9-264-4196, e-mail: marc.leman@rug.ac.be
Paul Berg, Royal Conservatory, Juliana van Stolberglaan 1, 2595 CA The Hague, The Netherlands.
Tel. +31-70-381-4251, Fax +31-70-385-3941, e-mail: paul@koncon.nl

Associate Editors

Antonio Camurri, DIST, University of Genoa, Italy.
Roger Dannenberg, School of Computer Science, Carnegie Mellon University, Pittsburgh, USA.
Richard Parncutt, Department of Psychology, Keele University, England
Giovanni De Poli, University of Padova, Italy
Robert Rowe, Department of Music, New York University, NY 10003, USA.

Electronic Appendix Editor

Dirk Moelants, Institute for Psychoacoustics and Electronic Music, University of Ghent, Blandijnberg 2, B-9000 Ghent, Belgium. E-mail: DIRK.MOELANTS@rug.ac.be

Book Review Editor

Alan Marsden, Department of Music, Queen's University, Belfast, Northern Ireland.

Advisory Editors

Charles Ames, Buffalo, USA	Henri Pousseur, Liege, Belgium
Wolfgang Auhagen, Berlin, Germany	Dirk-Jan Povel, Nijmegen, The Netherlands
Konrad Boehmer, Amsterdam, The Netherlands	Jean-Claude Risset, Marseille, France
Jean-Pierre Boon, Brussels, Belgium	Herman Sabbe, Ghent, Belgium
Jan L. Broeckx, Deurle, Belgium	Naoki Saiwaki, Osaka, Japan
Francesco Carreras, Pisa, Italy	Albrecht Schneider, Hamburg, Germany
Chris Chafe, Stanford, USA	Xavier Serra, Barcelona, Spain
Ricardo Dal Farra, Buenos Aires, Argentina	Heinrich Taube, San José, USA
Rolf Inge Godoy, Oslo, Norway	Stan Tempelaars, The Hague, The Netherlands
Shuji Hashimoto, Tokyo, Japan	Barry Truax, Burnaby, Canada
Henkjan Honing, Amsterdam, The Netherlands	Elena Ungeheuer, Hergenrath, Belgium
Jukka Louhivuori, Jyväskylä, Finland	Leon Van Noorden, Brussels, Belgium
Alan Marsden, Belfast, Northern Ireland	Frits Weiland, Utrecht, The Netherlands
Marcel Mesnage, Brussels, Belgium	Trevor Wishart, York, England

Publication programme 1998: Volume 27 (4 issues).

Subscription prices and ordering information

Please contact the publisher.

Subscriptions should be sent to **Swets & Zeitlinger, P.O. Box 825, 2160 SZ Lisse, the Netherlands** or to any subscription agent. Individuals should send their subscription direct to the publishers.

For advertisements, back volumes, and other information, please write to Swets & Zeitlinger, P.O. Box 825, 2160 SZ Lisse, the Netherlands. Fax: +31-252-415888.

Journal of New Music Research is published quarterly in March, June, September and December, by Swets & Zeitlinger B.V. Subscription price is US\$299 = Periodicals Class postage.

Periodicals Postage paid at Rahway NJ.

Postmaster: send address corrections to Journal of New Music Research, c/o Mercury Airfreight International Ltd Inc., 2323 Randolph Avenue, AVENEL, New Jersey 07001, U.S.A.

Photocopying

In the U.S.A.: This journal is registered at the Copyright Clearance Center (CCC), 222 Rosewood Drive, Danvers, MA 01923.

Authorisation to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by Swets & Zeitlinger for users registered with the CCC provided that the base fee of \$12.00 per copy is paid directly to CCC. For those organisations that have been granted a photocopy licence by CCC a separate system of payment has been arranged. The fee code for users of the Transactional Reporting Service is 0929-8215/98\$12.00.

Authorisation does not extend to other kinds of photocopying, such as for general distribution, for resale, for new publications, for advertising or promotion.

For all countries outside of the U.S.A., permission to photocopy must be obtained from the copyright owner. Please apply to Swets & Zeitlinger.

Journal of New Music Research is included in the following abstracting, citation, and information retrieval systems:

Arts & Humanities Citation Index, Current Contents/Arts & Humanities, INSPEC, RILM abstracts, The Music Index.

Printed on acid-free paper.

CONTENTS INDEX

Announcement	185
<i>Josep Lluís Arcos, Ramon López de Mántaras and Xavier Serra:</i>	
Saxex: A Case-Based Reasoning System for Generating Expressive Musical Performances	194
<i>Stefano Baliello, Giovanni De Poli and Renato Nobili:</i>	
The Colour of Music: Spectral Characterisation of Musical Sounds Filtered by a Cochlear Model	325
Book Reviews	409
<i>Roberto Bresin:</i>	
Artificial Neural Networks Based Models for Automatic Performance of Musical Scores.	239
<i>Lelio Camilleri and Denis Smalley:</i>	
The Analysis of Electroacoustic Music: Introduction	3
<i>John Dack:</i>	
Strategies in the Analysis of Karlheinz Stockhausen's <i>Kontakte für Electronische Klänge, Klavier, und Schlagzeug</i>	84
<i>Roger B. Dannenberg and Istvan Derenyi:</i>	
Combining Instrument and Performance Models for High-Quality Music Synthesis	211
<i>Roger B. Dannenberg and G. De Poli:</i>	
Introduction	191
<i>François Delalande:</i>	
Music Analysis and Reception Behaviours: <i>Sommeil</i> by Pierre Henry . .	13
<i>Simon Emmerson:</i>	
Acoustic/Electroacoustic: The Relationship with Instruments	146

<i>Angelo Farina, Andreas Langhoff and Lamberto Tronchin:</i>	
Acoustic Characterisation of "Virtual" Musical Instruments: Using MLS Technique on Ancient Violins.	359
<i>Anders Friberg, Roberto Bresin, Lars Frydén and Johan Sundberg:</i>	
Musical Punctuation on the Microlevel: Automatic Identification and Performance of Small Melodic Units	71
<i>Francesco Giomi and Marco Ligabue:</i>	
Evangelisti's Composition <i>Incontri di Fasce Sonore</i> at W.D.R.: Aesthetic-Cognitive Analysis in Theory and Practice	120
Letter to the Editor: <i>Richard Parncutt</i> - Reply to Balsach	416
<i>Andrew Lewis:</i>	
Francis Dhomont's <i>Novars</i>	67
<i>Richard Parncutt:</i>	
Listening to Music in the Real World? A Critical Discussion of Marc Leman's (1995) <i>Music and Schema Theory: Cognitive Foundations of Systematic Musicology</i>	380
<i>Giovanni De Poli, Antonio Rodà and Alvisè Vidolin:</i>	
Note-by-Note Analysis of the Influence of Expressive Intentions and Musical Structure in Violin Performance.	293
Publisher's Announcement.	418
<i>Stéphane Roy:</i>	
Functional and Implicative Analysis of <i>Ombres Blanches</i>	165